

RESPONSE UNDER 37 CFR §1.116 EXPEDITED PROCEDURE **EXAMINING GROUP 3743**

COPY OF PAPERS ORIGINALLY FILED

PATENT PD-YR1-9

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Lenny Low et al.

: Date: August 1, 2002

Serial No. 09/822,073

: Group Art Unit:

3743

Filed: March 30, 2001

: Examiner: Christopher M. Atkinson

: Batch No.:

For: Heat Transfer of a Remote Heat Source Using a Loop Heat Pipe

: Patent No.:

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

The Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

Identification of Transmitted Papers

Amendment comprising 6 pages, Transmittal letter in duplicate, one set of replacement reproducing masters, return receipt postcard

I hereby certify that the above-identified correspondence is being deposited with the United States Postal Service on August 1, 2002 with sufficient postage as first class mail, and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

> Kenneth W. Float Reg. No. 29,233

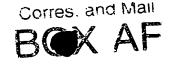
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August 1, 2002

PATENT PD-YR1-9

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Lenny Low et al.

Serial No. 09/822,073

Filed: March 30, 2001

For: Heat Transfer of a Remote Heat Source Using a Loop

Heat Pipe

TRANSMITTAL LETTER

The Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

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AUG 2 0 2002

TECHNOLOGY CENTER R3700 Transmitted herewith is an amendment in the above-identified application.

X No additional fee is required.

The fee has been calculated as shown below:

CLAIMS AS AMENDED

CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR		PRESENT EXTRA	RATE				ADDITIONAL TOTAL		
Total Claims <u>6</u>	minus	_20_	=	_0_	X	\$	18.00	=	\$	0.00
Independent Claims 3	minus	_3_	• =	0	X	\$	84.00	=	\$	0.00
Multiple Dependent Claims 0 X \$ 280.00 =						=	\$	0.00		
TOTAL ADDITIONAL FEES FOR THIS AMENDMENT									\$	0.00

A cheque in the amount of \$0.00 is enclosed with this Transmittal Letter to cover these costs. This form is submitted in duplicate.

Respectfully submitted

: Date:

: Group Art Unit: 3743

: Examiner: Christopher M.

Kenneth W. Float Reg. No. 29,233

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RESPONSE AI R FINAL REJECTION EDITED PROCEDURE **EXAMINING GROUP 3743**

COPY OF PAPERS ORIGINALLY FILED

PATENT PD-YR1-9

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: LENNY LOW ET AL.

Serial No. 09/822,073

Filed: March 30, 2001

For: HEAT TRANSFER OF A REMOTE HEAT:

SOURCE USING A LOOP HEAT PIPE

Date: August 1, 2002

Group Art Unit: 3743

Examiner: Christopher. M. Atkinson

AMENDMENT AFTER FINAL REJECTION

Commissioner of Patents and Trademarks Washington, D. C. 20231

Sir:

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TECHNOLOGY CENTER R3700 In response to the Office Action mailed June 18, 2002, please amend the aboveidentified patent application as follows.

IN THE CLAIMS

Please amend the following Claims to read as indicted

1. A heat transfer system comprising:

a spacecraft comprising a heat dissipating system;

a remotely-located heat source disposed on the spacecraft at a location that is remote from the heat dissipating system and which is not located on a heat pipe panel; and

a loop heat pipe thermally coupled between the remotely-located heat source and the heat dissipating system for coupling heat generated by the heat source to the heat dissipating system.

3. A spacecraft comprising:

a heat dissipating system for radiating heat into space;

a remotely-located heat source disposed at a location that is remote from the heat dissipating system and which is not located on a heat pipe panel; and

a loop heat pipe thermally coupled between the remotely-located heat source and the heat dissipating system for coupling heat generated by the remotely-located heat source to the heat dissipating system.

5. A heat dissipation method for use on a spacecraft comprising the steps of:

disposing a remotely-located heat source on a spacecraft at a location that is remote from a heat dissipating system and which is not located on a heat pipe panel;

thermally coupling a loop heat pipe between the remotely-located heat source and the heat dissipating system; and

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